STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _10/522,962_

Source: _1 FWO_

Date Processed by STIC: _9/22/05_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER VERSION 4.2.2 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
   http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05

IFWO

RAW SEQUENCE LISTING   DATE: 09/22/2005
PATENT APPLICATION: US/10/522,962   TIME: 14:44:57

Input Set : A:\Seqlist.txt
Output Set: N:\CRF4\09222005\J522962.raw

```
  4 <110> APPLICANT: Pachuk, Catherine
  5        Satishchandran, C.
  6        Chopra, Maninder
  7        Shuey, David
  9 <120> TITLE OF INVENTION: DOUBLE STRANDED RNA STRUCTURES AND
 10        CONSTRUCTS, AND METHODS FOR GENERATING AND USING THE SAME
 13 <130> FILE REFERENCE: 50238/012002
 15 <140> CURRENT APPLICATION NUMBER: 10/522,962
 16 <141> CURRENT FILING DATE: 2005-01-31
 18 <150> PRIOR APPLICATION NUMBER: PCT/US03/24028
 19 <151> PRIOR FILING DATE: 2003-07-31
 21 <150> PRIOR APPLICATION NUMBER: US 60/399,998
 22 <151> PRIOR FILING DATE: 2002-07-31
 24 <160> NUMBER OF SEQ ID NOS: 58
 26 <170> SOFTWARE: FastSEQ for Windows Version 4.0
```

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

```
403 <210> SEQ ID NO: 35
404 <211> LENGTH: 12
405 <212> TYPE: RNA
406 <213> ORGANISM: Artificial Sequence
408 <220> FEATURE:
409 <223> OTHER INFORMATION: Synthetic
411 <400> SEQUENCE: 35
E--> 412 agtacgcuag cu                                                      12
```

T's not allowed in an RNA sequence
for a combined DNA/RNA sequence,
use <212> DNA
and Explain
in <220>-<223>
section

(see 1.823 of
Sequence Rules)

```
<210> 46
<211> 8
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic

<221> misc_feature
<222> 7, 8
<223> n = A T C or G

<400> 46
cccucunn                                                    8
```

u   t/s not allowed in an RNA sequence

VERIFICATION SUMMARY   DATE: 09/22/2005
PATENT APPLICATION: US/10/522,962   TIME: 14:44:58

Input Set : **A:\Seqlist.txt**
Output Set: **N:\CRF4\09222005\J522962.raw**

L:412 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:1
L:532 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:536 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:46
L:537 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0